	Diana	* ~		· · · ·		YOF
Form: 3160-3	Artesia, NM 88	21.	SUBAT IN T		Form approved.	2
(November 1983)	LIN	ctions on ide)	Expires August	No. 1004-0136		
(formerly 9-331C)	DFPARTME	ITED STATES	ERIOR		LEASE DEBIGNATION	
		OF LAND MANAGEN	· 글 가지 : 동생 바가가 ????	- 5. ⁶	NM - 16814	AND SERIAL NO.
				<u></u>	IF INDIAN, ALLOTTE	
APPLICAT	ION FOR PERMIT	to drill, dei	EREN, OR PLUG I	BACK "	TE INDIAN, ALLOITE	B OR TRIBE RAME
1a. TYPE OF WORK				/1	UNIT AGREEMENT	AMB
b . TYPE OF WELL	DRILL 🛛	DREREENVED	BY PLUG BA			
WELL X	GAN		SINGLE MULTH		FARM OR LEASE NA	×3
2. NAME OF OPERATO	WELL OTHER	HAN 3 0 19	967		Rodona Fo	domal
Challer	nger Energy, I	9.	Bedena Feo Well No.			
3. ADDRESS OF OPERA	TOR	APTERI		#	3	
P.O. Bo	x 1262, Artes	ia Mi 0821	1262	10.	FIELD AND POOL,	OR WILDCAT
4. LOCATION OF WEL At surface	L (Report location clearly	and in accordance with an	ny State requirements.*)		Brushy D	raw - DEL.
	'NL and 330' F	WI. of Section	n 18 . E	11.	AND SURVEY OR A	BLE.
At proposed prod		ND OI DECLIOI	10 \U.			
Same		· · · · · · · · · · · · · · · · · · ·		Se	c. 18, T-2	265, <u>R-30E</u>
	LES AND DIRECTION FROM N					
	s south/south				ddy	NM
15. DISTANCE FROM I LOCATION TO NEA	ABEST	16	NO. OF ACRES IN LEASE	17. NO. OF AC TO THIS	CRES ASSIGNED WELL	
	t drig. unit line, if any)	3301	280	40		
TO NEAREST WE	PROPOSED LOCATION* LL, DRILLING, COMPLETED,		. PROPOSED DEPTH		E CABLE TOOLS	
	N THIS LEASE, FT.	1329	3500'	Rotar	Y 2. Approx. date we	
3018 ¹	whether DF, RT, GR, etc.)					r to 2/9/87)
23.	<u></u>	PROPOSED CASING	AND CEMENTING PROGR.			
BIZE OF HOLE	BIZE OF CABING	WEIGHT PER FOOT	BETTING DEPTH		QUANTITY OF CEME	NT
12 1/4	8 5/8	24		ustler)	-	to surface
7 7/8	4 1/2	10.5	35001	300 s		<u> </u>
				-		
	ł	1				
Actual	production cas	ing setting	depth to be de	termined	after lo	gging
operatio	ons are evalua	ted. Equiva	lent or adequa	te weign	its and gr	ades
of cash	ng may be subs	stituted at t	ime casing is	run. Pr	ouncing z	ones
Will be	periorated an	la stimulatea	as necessary.			
Mud Dro	anom: FW Ge	J/LCM to 670	; Brine to 35	001.		
Mud F10	gram. r.w. ut		, DI INC 00))	•		
BOP: 30	000# W.P., Dou	ble ran type	preventer wil	l be in	use while	
d	rilling below.	surface casi	ng. See Exhib	it "B".		
	•		-	**		Posted ID-1
						· ·
						NL, API
						2-13-87
IN ABOVE SPACE DES	CRIBE PROPOSED PROGRAM :	If proposal is to deepen	or plug back, give data on p	resent productiv	ve sone and propos	ed new productive
zone. If proposal in	s to drill or deepen directi	onally, give pertinent da	ta on subsurface locations a	nd measured and	d true vertical dept	hs. Give blowout
preventer program 24.	н ашу.					
	N/12Zh la	t	DATE 1/14	/87		
BIGNED		TITLE	Vice-Presiden	· · · · · · · · · · · · · · · · · · ·	DATE	· · ·
(This space for	Federal or State office use)					······································
			APPBOVAL DATE			
PLENIT NO OIL	Sgd. Ciscles Grad	· · · · · · · · · · · · · · · · · · ·			1	2 0 PH
APPROVED BY	Area Manager				DATE 12	24 81
CONDITIONS OF AP						-

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



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NEW __XICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form C-102 Supersedes C-128 Effective 1-1-65

CHALLENDER LNI AGD General Description 21 Sector 100 more Formation 21 Formation of Weak 100 Formation 21 Formation of Weak 100 Formation 21 Formation Formation Formation 22 Formation Formation Formation 23 Formation Formation Formation 23 Formation Formation Formation 23 Formation Formation Formation 24 Formation Formation Formation 25 Formation Formation Formation 26 Formation Formation Formation 27 Formation Formation Formation 28 Formation <			All distances must be	· · · · · · · · · · · · · · · · · · ·	les of the Section		
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CHALLENGER ENERGY, INC. Bedena Federal #3 1659' FNL and 330' FWL Sec. 18, T-26S, R-30E Eddy County, New Mexico

In Conjunction with Form 3160-3, Application for Permit to Drill subject well, Challenger Energy, Inc. submits the following ten items of pertinent information in accordance with BLM requirements.

1. The geologic surface formation is sandy alluvium.

2. The estimated tops of geologic markers are as follows:

Rustler Anhydrite	650'
Base Castile	· 3270'
Delaware Sand	3300'

3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

0il: 3340'

- 4. Proposed Casing Program: See Form 3160-3
- 5. Pressure Control Equipment: See Form 3160-3 and Exhibit B

6. Mud Program: See Form 3160-3

7. Auxiliary Equipment: Sub with full-opening valve on floor, drill pipe connection.

8. Testing, Logging and Coring Program:

Samples: 3340' - 3500' DST's: As Warranted. Coring: None. Logging: CND TD to 3100', DLL TD to 3100', and Gamma Ray TD to Surface.

- 9. No abnormal pressures or temperatures are anticipated.
- Anticipated Starting date: As soon as possible after approval. (Prior to February 9, 1987)



